

## CLAIMS:

1. Iron comprising a cartridge (4) for containing a liquid (5), a nozzle means (6) having at least one aperture (20), a pump means (14) for delivering said liquid to the nozzle means, said cartridge (4) comprising an outer wall (29) with vent means (25) including a vent hole (28) for ventilating said cartridge, characterized in that the vent means (25) comprises a storage chamber (26) for receiving an excess of liquid (5) from the cartridge (4) passing through said vent hole (28), said storage chamber being open to the open air.  
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2. Iron as claimed in claim 1, characterized in that an end wall (27) of the storage chamber (26) that faces the inside of the cartridge (4) comprises said vent hole (28).  
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3. Iron as claimed in claim 1 or 2, characterized in that at least a major portion of the storage chamber (26) extends from said outer wall (29) of the cartridge (4) toward the inside of the cartridge.
- 15 4. Iron as claimed in any one of the claims 1 to 3, characterized in that the cross-sectional area of the vent hole (28) is greater than  $0.03 \text{ mm}^2$ .
5. Iron as claimed in any one of the claims 1 to 4, characterized in that the cross-sectional area of the vent hole (28) is smaller than  $3 \text{ mm}^2$ .  
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6. Iron as claimed in any one of the claims 1 to 5, characterized in that the volume of the storage chamber (26) is at least  $30 \text{ mm}^3$ .
7. Iron as claimed in claim 6, characterized in that the volume of the storage  
25 chamber (26) is at least 1% of the volume of the cartridge (4).
8. Iron as claimed in claim 1 or 2, characterized in that the vent hole (28) has a diameter  $D_a$  greater than 0.4 mm and smaller than 1.2 mm, and that the storage chamber (26)

is a tube (30), an inner diameter  $D_t$  thereof being greater than 2.5 mm and smaller than 5.5 mm, a length  $L$  of the tube being at least 25 mm.

9. Iron as claimed in claim 1 or 2, characterized in that the storage chamber (26)
- 5 is a tube with open ends at both sides, an inner diameter  $D_t$  of the tube being smaller than 3 mm, and a length  $L$  being at least 10 mm.
10. Cartridge (4) as claimed in any one of the preceding claims.